

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

1988
Year of Revision

Anadromous Water Catalog Volume 96

USGS Quad SKAGWAY B-4

Name of Waterway GLACIER CREEK - USGS name

Anadromous Water Catalog Number of Waterway

115-32-10250-2077-3151-4010

Change to Atlas

X Catalog

X Both

Addition X

Deletion

Correction

Name addition:

USGS name

Local name

For Office Use

Nomination # 96 038

Lanagh Handley 11-8-95
Regional Supervisor Date

Dean W. Hughes 2/5/96

J. Irvine 3/28/96
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
DOLLY VARDEN	7/11 - 7/12/95		X	
CUTTHROAT TROUT	" "		X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

*(see attached sheet)

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) MICHAEL GAEDE

Date: 8/16/95 Signature: Michael Gaede

ALASKA DEPT. OF
FISH & GAME

Address: P.O. Box 57

NOV 14 1995

HAINES, AK 99827

Signature of Area Biologist: [Signature]

REGION II
HABITAT AND RESTORATION
DIVISION

Comments:

This waterway is a clear-water tributary stream on the lower west side of Glacier Creek (115-32-10250-2077-3151). The stream runs parallel to Glacier Creek for quite a distance, with the headwaters up a mildly sloped draw, and the confluence with Glacier Creek midway between the Klehini River and the Klehini River logging road. A stream survey of this waterway was conducted on 7/11 and 7/12/95 and covered a distance approximately 1/4 mile upstream from the logging road crossing. In that distance, no major fish barriers were observed, with juvenile fish populations plentiful throughout.

The stream survey primarily involved the use of minnow traps to document the type and presence of juvenile fish. Six traps were placed in the stream at 100-200 yd. spacing, baited with salmon eggs and allowed to soak for at least two hours. The results of the survey are as follows:

<u>Trap #</u>	<u>Number and type of fish caught</u>
1	4 Dolly Varden
2	16 Dolly Varden / 2 Cutthroat Trout
3	0 fish caught
4	1 Dolly Varden
5	3 Dolly Varden / 1 Cutthroat Trout
6	4 Dolly Varden

This stream should be included in the anadromous stream catalog for the following reason:

Previous studies in the Chilkat River drainage indicate that cutthroat trout and Dolly Varden are anadromous and move from one tributary of the Chilkat River to another. Therefore, it would be a fair assumption to say that the fish observed in this stream are anadromous.

GE
Chilkat
for
Chilkat
river
study

936° Q7

Upper points document limits of fish surveys and usually not the extent of fish habitat.

Skagway B-4

ADD STREET

115-32-10250-2077-3151-4010

Should try C for cathartics
be changed to CT or
should this CT
Be Cr ??
Talk w/me

upper of

DV, Cr

GLACIER CREEK SURVEY (CONT)

7-11 - Arrived at Glacier Creek @ 1052^h

- Hiked up West side of river from bridge to first turn stream. Low at small: fry observed. Skelly - 11 traps collecting.
- Trap #1 set @ 1110 Marker in tree - grassy pool
- # 2 " 1121 Marker in tree - deep stream
- # 3 " 1131 ^{marsh} bog Jam - narrow stream channel

Temp 10°C

1156 Set some more traps

Traps in grassy stream

* No fish seen in river

- Picked up 2 traps set yesterday on 1 side Trib
- Traps picked @ 1338 - No fish caught
- No fish seen visually - Waterfalls act as fish barrier from Glacier Creek

- Picked up Traps from W. 3rd Trib

Trap #1 pickup @ 1422 4 Dolly varden
 #2 " 1441 16 Dolly / 2 cutthroat
 #3 " 1446 Osmia (cutthroat fry seen)
 2 too shallow for trap to work properly
 #4 " 1458 1 Dolly smelt
 * Big surprise to find fish this far up stream

GLACIER CREEK (cont)

7-12 - Arrived at Glacier Creek @ 1020

- Placed 2 traps at road culvert W. side of River on small trib which we hiked yesterday. Also collect samples of fish in stream to positively identify.
- Traps set at 1033 one above culvert
- Traps picked up @ 1500

Birds: 4 Dollys
 4 cutthroats

KHEMINI BEETLE AREA

- Arrived @ 1053 walked down to River from spur road (middle of side area) then headed in West direction to map the fish tribe sub streams
- Too brushy - too easy to get lost - turned around after walking in a ways. No sign of streams in areas

- Drove to east end of side area - drove down to Khehini R. and walked West along outside border of side area. Found other water stream

Trap #1 set @ 1330
 Trap #2 " 1345
 Picked up #1 picked 1510 off
 #2 " 1515 3 fish
 4 Dollys
 1 cutthroat
 "O creek" spring fed
 walked down
 ~1000 ft from
 Khehini R.
 a fry seen in stream